

JAG SINGH

(206) 304-3009 | jagrajs@icloud.com | [LinkedIn](#) | [GitHub](#)

PROJECTS

Cryptocurrency Lottery

Built a text based lottery game to demonstrate the security of cryptocurrency private keys.

Skills: Python, Cryptographic Libraries, Blockchain APIs

Attacks on Apéry's Constant

Ongoing attempt at solving a 375 year old problem in pure mathematics.

Skills: Python, LaTeX, Mathematical Analysis, Technical Writing

Social Security Number Generator

A GUI number generator built using Python to illustrate the SSN numbering scheme.

Skills: Python, GUI

EXPERIENCE

Product Advisor

May 2018 - Present

Microsoft | Bellevue, WA

- Deliver tours, workshops, and personal trainings to educate and inspire clients.
- Demonstrate dozens of Microsoft products and services including XBOX and HoloLens.
- Generate business leads to increase sales revenue and create lifetime client value.
- Provide technical support in diagnosing, troubleshooting, and resolving common problems.

EDUCATION

Bachelor of Arts in Communication | University of Washington

2014 - 2017

- Coursework included advanced public speaking and a concentration in mathematics.

SKILLS

Programming Languages: Python

Database Management: SQL

Engineering Software: MATLAB/Octave

Markup & Web: LaTeX, HTML, CSS

Productivity: Microsoft Office 365, Apple iWork, Google G Suite

Languages: English, Punjabi